Evgeny Epelbaum

List of Publications by Year
in descending order

265	12,133	28274	28297
papers	citations	55 h-index	105 g-index

267	267	267	2127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chiral theory of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï</mml:mi></mml:math> -meson gravitational form factors. Physical Review D, 2022, 105, .	4.7	9
2	Nucleon-nucleon interaction in chiral effective field theory with a finite cutoff: Explicit perturbative renormalization at next-to-leading order. Physical Review C, 2022, 105, .	2.9	11
3	Is <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Z</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>3982</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (stretchy="false">)</mml:mo></mml:mrow></mml:math>	4.7	15
4	Definition of Local Spatial Densities in Hadrons. Physical Review Letters, 2022, 129, .	7.8	25
5	Application of a momentum-space semi-locally regularized chiral potential to selected disintegration processes. Physical Review C, 2021, 103, .	2.9	5
6	Insights into <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Z</mml:mi><mml:mi>b</mml:mi></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>10610</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (stretchy="false">)</	4.7	7
7	High-accuracy calculation of the deuteron charge and quadrupole form factors in chiral effective field theory. Physical Review C, 2021, 103, .	2.9	30
8	Nucleon polarizabilities in covariant baryon chiral perturbation theory with explicit Î” degrees of freedom. Physical Review C, 2021, 103, .	2.9	4
9	Precision Determination of Pion-Nucleon Coupling Constants Using Effective Field Theory. Physical Review Letters, 2021, 126, 092501.	7.8	33
10	Radiative pion photoproduction in covariant chiral perturbation theory. Physical Review C, 2021, 103, .	2.9	1
11	Light nuclei with semilocal momentum-space regularized chiral interactions up to third order. Physical Review C, 2021, 103, .	2.9	52
12	Comprehensive investigation of the symmetric space-star configuration in the nucleon-deuteron breakup. Physical Review C, 2021, 104, .	2.9	4
13	The $${varvec{Lambda (1405)}}$$ in resummed chiral effective field theory. European Physical Journal C, 2021, 81, 1.	3.9	3
14	Effective Field Theory for Shallow P-Wave States. Few-Body Systems, 2021, 62, 1.	1.5	9
15	Hidden Spin-Isospin Exchange Symmetry. Physical Review Letters, 2021, 127, 062501.	7.8	9
16	Two-particle scattering from finite-volume quantization conditions using the plane wave basis. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
17	Parity- and Time-Reversal-Violating Nuclear Forces. Frontiers in Physics, 2020, 8, .	2.1	18
18	AbÂInitio Nuclear Thermodynamics. Physical Review Letters, 2020, 125, 192502.	7.8	19

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19	Subleading contributions to the nuclear scalar isoscalar current. European Physical Journal A, 2020, 56, 1.	2.5	3
20	Box diagram contribution to the axial two-nucleon current. Physical Review C, 2020, 101, .	2.9	7
21	How to renormalize integral equations with singular potentials in effective field theory. European Physical Journal A, 2020, 56, 1.	2.5	17
22	Uncertainty of three-nucleon continuum observables arising from uncertainties of two-nucleon potential parameters. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 104001.	3.6	9
23	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">Î›</mml:mi></mml:math> -nucleon scattering in baryon chiral perturbation theory. Physical Review C, 2020, 101, .	2.9	14
24	An update on fine-tunings in the triple-alpha process. European Physical Journal A, 2020, 56, 1.	2.5	11
25	High-Precision Nuclear Forces From Chiral EFT: State-of-the-Art, Challenges, and Outlook. Frontiers in Physics, 2020, 8, .	2.1	86
26	Extraction of the Neutron Charge Radius from a Precision Calculation of the Deuteron Structure Radius. Physical Review Letters, 2020, 124, 082501.	7.8	48
27	Towards high-order calculations of three-nucleon scattering in chiral effective field theory. European Physical Journal A, 2020, 56, 1.	2.5	52
28	Mesonâ€“baryon scattering in resummed baryon chiral perturbation theory using time-ordered perturbation theory. European Physical Journal C, 2020, 80, 1.	3.9	4
29	High-precision nuclear forces : Where do we stand?. , 2020, , .		7
30	NN interaction and the spectrum of light and medium-mass nuclei using Lattice Effective Field Theory. , 2020, , .		0
31	Investigations of the few-nucleon systems within the LENPIC project. SciPost Physics Proceedings, 2020, , .	0.4	1
32	High-Precision Nucleon-Nucleon Potentials from Chiral EFT. Springer Proceedings in Physics, 2020, , 497-501.	0.2	0
33	Lattice phase shifts and mixing angles for an arbitrary number of coupled channels. SciPost Physics Proceedings, 2020, , .	0.4	0
34	Low-Energy Theorems in Two-Nucleon Scattering. , 2020, , .		0
35	Application of Semilocal Coordinate-Space Regularized Chiral Forces to Elastic Nd Scattering and Breakup. Few-Body Systems, 2019, 60, 1.	1.5	7
36	Galilean invariance restoration on the lattice. Physical Review C, 2019, 99, .	2.9	11

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37	partners <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>W</mml:mi><mml:mrow><mml:mi>b</mml:mi><mml:mi>J</mml:mi></mml:mrow></mml:msub from the line shapes of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Z</mml:mi><mml:mi>b</mml:mi></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>10610</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 727 Td (stretchy= Physic	4.7	20
38	Remarks on the heavy-quark flavour symmetry for doubly heavy hadronic molecules. European Physical Journal C, 2019, 79, 1.	3.9	13
39	Towards baryon-baryon scattering in manifestly Lorentz-invariant formulation of SU(3) baryon chiral perturbation theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134987.	4.1	16
40	Essential elements for nuclear binding. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134863.	4.1	47
41	Exotic molecular states in the decays of vector bottomonia. EPJ Web of Conferences, 2019, 212, 02002.	0.3	0
42	Reply to the Comment by Manuel Pavon Valderrama on â€œHow (not) to renormalize integral equations with singular potentials in effective field theoryâ€. European Physical Journal A, 2019, 55, 1.	2.5	8
43	Nuclear Electromagnetic Currents to Fourth Order in Chiral Effective Field Theory. Few-Body Systems, 2019, 60, 1.	1.5	24
44	Few- and many-nucleon systems with semilocal coordinate-space regularized chiral two- and three-body forces. Physical Review C, 2019, 99, .	2.9	68
45	Heavy-quark spin-symmetry partners of Zb(10610) and Zb(10650) molecules. EPJ Web of Conferences, 2019, 218, 08005.	0.3	0
46	Scattering phase shifts and mixing angles for an arbitrary number of coupled channels on the lattice. Physical Review C, 2019, 100, .	2.9	3
47	The new lattice action and spectrum of the light andmedium-mass nuclei. , 2019, , .		1
48	Wilsonian Renormalization Group and the Lippmann-Schwinger Equation with a Multitude of Cutoff Parameters. Communications in Theoretical Physics, 2018, 69, 303.	2.5	9
49	Neutron-proton scattering with lattice chiral effective field theory at next-to-next-to-next-to-leading order. Physical Review C, 2018, 98, .	2.9	20
50	How (not) to renormalize integral equations with singular potentials in effective field theory. European Physical Journal A, 2018, 54, 1.	2.5	41
51	Semilocal momentum-space regularized chiral two-nucleon potentials up to fifth order. European Physical Journal A, 2018, 54, 1.	2.5	196
52	Few-nucleon and many-nucleon systems with semilocal coordinate-space regularized chiral nucleon-nucleon forces. Physical Review C, 2018, 98, .	2.9	59
53	Three-nucleon force in chiral effective field theory with explicit <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">Î”</mml:mi></mml:math> (1232) degrees of freedom: Longest-range contributions at fourth order. Physical Review C, 2018, 98, .	2.9	26
54	Heavy-quark spin-symmetry partners of hadronic molecules. , 2018, , .		0

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55	Renormalization of the three-boson system with short-range interactions revisited. European Physical Journal A, 2017, 53, 1.	2.5	8
56	Modern Chiral Forces Applied to the Nucleonâ€“Deuteron Radiative Capture. Few-Body Systems, 2017, 58, 1.	1.5	5
57	Nuclear axial current operators to fourth order in chiral effective field theory. Annals of Physics, 2017, 378, 317-395.	2.8	65
58	Nuclear matter properties with nucleon-nucleon forces up to fifth order in the chiral expansion. Physical Review C, 2017, 96, .	2.9	29
59	Chiral dynamics of/with unstable particles. EPJ Web of Conferences, 2017, 134, 04005.	0.3	0
60	Reconciling threshold and subthreshold expansions for pionâ€“nucleon scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 27-34.	4.1	68
61	Heavy-Quark Spin Symmetry Partners of the X(3872) Molecule. , 2017, , .		1
62	AbÂinitio Calculations of the Isotopic Dependence of Nuclear Clustering. Physical Review Letters, 2017, 119, 222505.	7.8	47
63	Effective Forces Between Quantum Bound States. Physical Review Letters, 2017, 118, 232502.	7.8	8
64	Elastic and inelastic pion-nucleon scattering to fourth order in chiral perturbation theory. Physical Review C, 2017, 96, .	2.9	17
65	Wilsonian renormalization group versus subtractive renormalization in effective field theories for nucleonâ€“nucleon scattering. Nuclear Physics B, 2017, 925, 161-185.	2.5	37
66	Spin partners of the Z b (10610) and Z b (10650) revisited. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33
67	Neutron properties from light nuclei. EPJ Web of Conferences, 2017, 134, 03005.	0.3	0
68	Molecular partners of the X(3872) from heavy-quark spin symmetry: a fresh look. EPJ Web of Conferences, 2017, 137, 06002.	0.3	6
69	Studies of three-nucleon systems with improved chiral forces. EPJ Web of Conferences, 2016, 113, 04002.	0.3	0
70	Chiral nuclear forces: Recent developments. EPJ Web of Conferences, 2016, 113, 04020.	0.3	0
71	Properties of⁴He and⁶Li with improved chiral EFT interactions. EPJ Web of Conferences, 2016, 113, 04015.	0.3	11
72	Light-quark mass behaviour of the X(3872) as a molecular state. EPJ Web of Conferences, 2016, 113, 05015.	0.3	0

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73	Recoil corrections in antikaon-deuteron scattering. EPJ Web of Conferences, 2016, 113, 05017.	0.3	0
74	Heavy-quark spin symmetry partners of the X(3872) revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 20-28.	4.1	54
75	Low-energy theorems for nucleon-nucleon scattering at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>M</mml:mi><mml:mi>Ï€</mml:mi></mml:msub></mml:mrow></mml:math> Physical Review C, 2016, 94, .	2.9	19
76	Role of the Total Isospin 3/2 Component in Three-Nucleon Reactions. Few-Body Systems, 2016, 57, 1213-1225.	1.5	11
77	Elastic pion-nucleon scattering in chiral perturbation theory: A fresh look. Physical Review C, 2016, 94, .	2.9	36
78	Nuclear Binding Near a Quantum Phase Transition. Physical Review Letters, 2016, 117, 132501.	7.8	74
79	Few-nucleon systems with state-of-the-art chiral nucleon-nucleon forces. Physical Review C, 2016, 93, .	2.9	106
80	Testing semilocal chiral two-nucleon interaction in selected electroweak processes. Physical Review C, 2016, 93, .	2.9	20
81	Nucleon-nucleon scattering in the1S0partial wave in the modified Weinberg approach. EPJ Web of Conferences, 2016, 113, 04024.	0.3	0
82	Threshold pion production in proton-proton collisions at NNLO in chiral EFT. European Physical Journal A, 2016, 52, 1.	2.5	5
83	Two-nucleon scattering in a modified Weinberg approach with a symmetry-preserving regularization. European Physical Journal A, 2016, 52, 1.	2.5	11
84	Chiral extrapolation of the X(3872) binding energy. Journal of Physics: Conference Series, 2016, 675, 022017.	0.4	0
85	New fixed points of the renormalisation group for two-body scattering. European Physical Journal A, 2016, 52, 1.	2.5	5
86	Pion-nucleon scattering in covariant baryon chiral perturbation theory with explicit Delta resonances. Journal of High Energy Physics, 2016, 2016, 1.	4.7	67
87	Nuclear chiral EFT in the precision era. , 2016, , .		3
88	Parity violation in neutron capture on the proton: Determining the weak pionâ€“nucleon coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 299-304.	4.1	14
89	Low-energy theorems for nucleon-nucleon scattering at unphysical pion masses. Physical Review C, 2015, 92, .	2.9	26
90	Scattering cluster wave functions on the lattice using the adiabatic projection method. Physical Review C, 2015, 92, .	2.9	20

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91	Binding energy of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 732 Td (stretchy="fal	4.7	25
92	Investigation of the Deuteron Breakup on Proton Target in the Forward Angular Region at 130ÂMeV. Few-Body Systems, 2015, 56, 665-690.	1.5	12
93	Baryon chiral perturbation theory extended beyond the low-energy region. European Physical Journal C, 2015, 75, 499.	3.9	14
94	Three-nucleon force at large distances: Insights from chiral effective field theory and the large-Nc expansion. European Physical Journal A, 2015, 51, 1.	2.5	25
95	Uncertainties of Euclidean time extrapolation in lattice effective field theory. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034012.	3.6	7
96	Recoil corrections in antikaon-deuteron scattering. Physical Review D, 2015, 91, .	4.7	17
97	Efficient calculation of chiral three-nucleon forces up to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi mathvariant="normal">N</mml:mi><mml:mn>3</mml:mn></mml:msup><mml:mtext>LO</mml:mtext></mml:math>forab initiostudies. Physical Review C, 2015, 91, .	2.9	74
98	Remarks on study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (stretchy="false")</m Physical Review D, 2015, 91, .	4.7	3
99	Towards a field theoretical understanding of kaonic deuterium: leading order retardation effects. Hyperfine Interactions, 2015, 233, 141-149.	0.5	1
100	Improved chiral nucleon-nucleon potential up to next-to-next-to-next-to-leading order. European Physical Journal A, 2015, 51, 1.	2.5	351
101	Precision Nucleon-Nucleon Potential at Fifth Order in the Chiral Expansion. Physical Review Letters, 2015, 115, 122301.	7.8	276
102	1S0 nucleon-nucleon scattering in the modified Weinberg approach. European Physical Journal A, 2015, 51, 1.	2.5	27
103	Nuclear lattice simulations using symmetry-sign extrapolation. European Physical Journal A, 2015, 51, 1.	2.5	22
104	Complex-mass renormalization in hadronic EFT: Applicability at two-loop order. European Physical Journal A, 2015, 51, 1.	2.5	8
105	Ab initio alphaâ€“alpha scattering. Nature, 2015, 528, 111-114.	27.8	130
106	Low-energy neutron-deuteron reactions with N 3 LO chiral forces. European Physical Journal A, 2014, 50, 1.	2.5	45
107	Finite volume effects in low-energy neutronâ€“deuteron scattering. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 015105.	3.6	13
108	Local chiral effective field theory interactions and quantum Monte Carlo applications. Physical Review C, 2014, 90, .	2.9	186

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109	Quantum Monte Carlo Calculations of Light Nuclei Using Chiral Potentials. Physical Review Letters, 2014, 113, 192501.	7.8	52
110	The Hoyle state in nuclear lattice effective field theory. Pramana - Journal of Physics, 2014, 83, 651-659.	1.8	3
111	Renormalizable Chiral EFT for NN Scattering. Few-Body Systems, 2014, 55, 967-970.	1.5	0
112	Deuteron electromagnetic form factors in a renormalizable formulation of chiral effective field theory. European Physical Journal A, 2014, 50, 1.	2.5	22
113	Investigation of the Three-Nucleon System Dynamics in the Deuteronâ€“Proton Breakup Reaction. Few-Body Systems, 2014, 55, 639-644.	1.5	0
114	Panel Session on the Future of Few-Body Physics. Few-Body Systems, 2014, 55, 683-686.	1.5	0
115	Lattice effective field theory for medium-mass nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 110-115.	4.1	99
116	AbÂInitioCalculation of the Spectrum and Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>16</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2014, 112, 102501.	7.8	117
117	The reactionÏ€Nâ†'Ï€Ï€Nin chiral effective field theory with explicitÎ”(1232)degrees of freedom. Physical Review C, 2014, 89, .	2.9	13
118	The magnetic moment of the Ï•meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 115-121.	4.1	18
119	The multiple-scattering series in few-nucleon systems. EPJ Web of Conferences, 2014, 73, 06005.	0.3	0
120	Dispersion relations in application to chiral two-nucleon dynamics. EPJ Web of Conferences, 2014, 73, 06007.	0.3	0
121	Studies of the Three-Nucleon System Dynamics in the Deuteron-Proton Breakup Reaction. EPJ Web of Conferences, 2014, 66, 03019.	0.3	0
122	Complete next-to-next-to-leading order calculation ofNNâ†'NNÏ€in chiral effective field theory. EPJ Web of Conferences, 2014, 81, 03003.	0.3	1
123	Non-perturbative pion dynamics for the X(3872). EPJ Web of Conferences, 2014, 81, 05005.	0.3	0
124	On the Renormalization of the Oneâ€“Pion Exchange Potential and the Consistency of Weinbergâ€™s Power Counting. Few-Body Systems, 2013, 54, 2175-2190.	1.5	63
125	Calculations of Three-Nucleon Reactions. Few-Body Systems, 2013, 54, 897-902.	1.5	9
126	Investigations of Few-Nucleon System Dynamics in Medium Energy Domain. Few-Body Systems, 2013, 54, 1301-1305.	1.5	0

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127	3H at Next-to-Next-to-Next-to Leading Order of the Chiral Expansion. Few-Body Systems, 2013, 54, 1315-1318.	1.5	3
128	A New EFT Approach to NN Scattering Problem. Few-Body Systems, 2013, 54, 1473-1478.	1.5	6
129	Two-nucleon scattering: Merging chiral effective field theory with dispersion relations. European Physical Journal A, 2013, 49, 1.	2.5	29
130	Dependence of the triple-alpha process on the fundamental constants of nature. European Physical Journal A, 2013, 49, 1.	2.5	47
131	Threshold neutral pion photoproduction off the tri-nucleon to O(q4). European Physical Journal A, 2013, 49, 1.	2.5	3
132	Parity violation in proton-proton scattering from chiral effective field theory. European Physical Journal A, 2013, 49, 1.	2.5	23
133	Few-Body Physics in Chiral Effective Field Theory: Recent Developments. Few-Body Systems, 2013, 54, 11-17.	1.5	3
134	Extracting Ï€Ï€ S-wave scattering lengths from cusp effect in heavy quarkonium dipion transitions. European Physical Journal C, 2013, 73, 1.	3.9	20
135	Viability of Carbon-Based Life as a Function of the Light Quark Mass. Physical Review Letters, 2013, 110, 112502.	7.8	83
136	Quark mass dependence of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (stretchy="false">)</m Elementary Particle and High-Energy Physics, 2013, 726, 537-543.	4.1	11
137	Systematic Studies of the Three-nucleon System Dynamics in the Deutronâ€“Proton Breakup Reaction. Acta Physica Polonica B, 2013, 44, 345.	0.8	3
138	Quantum MonteÂCarlo Calculations with Chiral Effective Field Theory Interactions. Physical Review Letters, 2013, 111, 032501.	7.8	257
139	New insights into the spin structure of the nucleon. Physical Review D, 2013, 87, .	4.7	39
140	Pion production in nucleon-nucleon collisions in chiral effective field theory with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î”</mml:mi><mml:mo>(</mml:mo><mml:mn>1232</mml:mn></mml:mrow></mml:math>) degrees of freedom. Physical Review C, 2013, 88, .	2.9	11
141	Chiral three-nucleon force at N<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>4</mml:mn></mml:msup></mml:math>LO. II. Intermediate-range contributions. Physical Review C, 2013, 87, .	2.9	86
142	Varying the light quark mass: Impact on the nuclear force and big bang nucleosynthesis. Physical Review D, 2013, 87, .	4.7	64
143	NN scattering problem in EFT reformulated. , 2013, , .		1
144	Signatures of three-nucleon interactions in few-nucleon systems. Reports on Progress in Physics, 2012, 75, 016301.	20.1	161

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145	Magnetic form factor of the deuteron in chiral effective field theory. Physical Review C, 2012, 86, .	2.9	23
146	Pion production in nucleon-nucleon collisions in chiral effective field theory: Next-to-next-to-leading order contributions. Physical Review C, 2012, 85, .	2.9	14
147	Vector analyzing powers of deuteron-proton elastic scattering and breakup at 130 MeV. Physical Review C, 2012, 85, .	2.9	16
148	Chiral three-nucleon force at N<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>4</mml:mn></mml:msup></mml:math>LO: Longest-range contributions. Physical Review C, 2012, 85, .	2.9	133
149	Chiral Dynamics of Few- and Many-Nucleon Systems. Annual Review of Nuclear and Particle Science, 2012, 62, 159-185.	10.2	72
150	Structure and Rotations of the Hoyle State. Physical Review Letters, 2012, 109, 252501.	7.8	201
151	WeinbergÊ¼s approach to nucleonâ€“nucleon scattering revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 338-344.	4.1	62
152	The multiple-scattering series in pion-deuteron scattering and the nucleon-nucleon potential: perspectives from effective field theory. European Physical Journal A, 2012, 48, 1.	2.5	25
153	Studies of the Three-Nucleon System Dynamics in the Deuteron-Proton Breakup Reaction. EPJ Web of Conferences, 2012, 37, 09011.	0.3	4
154	Calculation of doublet capture rate for muon capture in deuterium within chiral effective field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 93-100.	4.1	11
155	Effective field theory approach to nuclear matter. Progress in Particle and Nuclear Physics, 2012, 67, 322-326.	14.4	7
156	Nuclear forces from chiral effective field theory. Progress in Particle and Nuclear Physics, 2012, 67, 343-347.	14.4	9
157	Chiral dynamics of few-nucleon systems: recent developments. , 2012, , .		0
158	Subleading contributions to the chiral three-nucleon force. II. Short-range terms and relativistic corrections. Physical Review C, 2011, 84, .	2.9	155
159	Few-Body Physics: (Some) Recent Developments. Journal of Physics: Conference Series, 2011, 295, 012004.	0.4	0
160	Two-pion exchange currents in photodisintegration of the deuteron. , 2011, , .		0
161	Conference Discussion of the Nuclear Force. Few-Body Systems, 2011, 50, 31-44.	1.5	8
162	The Role of Î”-Resonance in Chiral Few Nucleon Forces. Few-Body Systems, 2011, 50, 295-298.	1.5	8

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163	Recent Developments of a Three-dimensional Description of the NN System. Few-Body Systems, 2011, 50, 279-281.	1.5	4
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